

372 We claim:

373 1. A locator tool for orienting a medical device with an implanted adjustable valve

374 with a physical characteristic that indicates a specific orientation of the valve, the tool

375 comprising:

376 an indicator of a desired orientation of a valve; and

377 means for coupling with the physical characteristic of the valve to indicate a specific

378 orientation of the valve.

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380 2. An indicator tool for indicating the current setting of an implanted adjustable valve

381 with a physical characteristic that indicates a specific orientation of the valve and a magnet

382 indicating a current setting of the valve, the tool comprising:

383 means for magnetically coupling with the magnet in a valve to indicate a current

384 setting of the valve; and

385 means for indicating the current setting of the valve

386

387 3. An adjustment tool for changing the current setting of an implanted adjustable valve

388 with a physical characteristic that indicates a specific orientation of the valve and a magnet

389 capable of changing a current setting of the valve by physical movement of the magnet, the

390 tool comprising:

391 means for magnetically coupling with the magnet in the valve to move the magnet

392 to change the current setting of the valve;

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393 means for moving the magnet in the valve to move the magnet to change the current
394 setting of the valve.

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396 4. A system for indicating the current setting of an implanted adjustable valve with a
397 physical characteristic that indicates a specific orientation of the valve and a magnet
398 indicating a current setting of the valve, the system comprising:

399 a locator tool comprising:

400 an indicator of a desired orientation of a valve; and

401 means for coupling with the physical characteristic of the valve to indicate a
402 specific orientation of the valve;

403 an indicator tool comprising:

404 means for magnetically coupling with the magnet in a valve to indicate a
405 current setting of the valve; and

406 means for indicating the current setting of the valve.

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408 5. A system for changing the current setting of an implanted adjustable valve with a
409 physical characteristic that indicates a specific orientation of the valve and a magnet capable
410 of changing a current setting of the valve by physical movement of the magnet, the system
411 comprising:

412 a locator tool comprising:

413 an indicator of a desired orientation of a valve; and

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415 specific orientation of the valve;

416 an adjustment tool comprising:

417 means for magnetically coupling with the magnet in the valve to move the
418 magnet to change the current setting of the valve;

means for moving the magnet in the valve to move the magnet to change the
current setting of the valve.

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422 6. A system for determining and changing the current setting of an implanted
423 adjustable valve with a physical characteristic that indicates a specific orientation of the
424 valve and a magnet capable of changing a current setting of the valve by physical
425 movement of the magnet, the system comprising:

426 a locator tool comprising:

an indicator of a desired orientation of a valve; and

means for coupling with the physical characteristic of the valve to indicate a
specific orientation of the valve;

430 an indicator tool comprising:

means for magnetically coupling with the magnet in a valve to indicate a
current setting of the valve; and

433 means for indicating the current setting of the valve

434 an adjustment tool comprising:

means for magnetically coupling with the magnet in the valve to move the magnet to change the current setting of the valve;

means for moving the magnet in the valve to move the magnet to change the current setting of the valve.

7. A method of orienting a medical device with an implanted adjustable valve with a physical characteristic that indicates a specific orientation of the valve, the method comprising the steps of:

providing a locator tool having an indicator of desired orientation of a valve and having means for coupling with the physical characteristic of the valve that indicates a specific orientation of the valve;

palpating the valve to determine its physical characteristics;

setting the locator tool over a portion of the valve so that the locator tool is mechanically coupled to the physical characteristic of the valve that indicates a specific orientation of the valve.

8. A method of indicating the current setting of an implanted adjustable valve with a physical characteristic that indicates a specific orientation of the valve and a magnet indicating a current setting of the valve, the method comprising the steps of:

providing a locator tool having an indicator of desired orientation of a valve and having means for coupling with the physical characteristic of the valve that indicates a specific orientation of the valve;

477 palpating the valve to determine its physical characteristics;

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adjustment tool
magnet to change